

What is claimed is:

1. An electric hand-held power tool with a machine housing (11) that has at least one dust-ejection opening (12) and a dust-collection container (13) connected to dust-ejection opening (12), the dust-collection container (13) having a dust-collection box (15) and a cover (16) that closes the dust-collection box (15),

wherein

the dust-collection box (15) is integrally joined with the machine housing (11).

2. The electric hand-held power tool as recited in Claim 1,

wherein

the dust-collection box (15) has a cuboid shape with two open sides, the first open side facing machine housing (11) and covering its dust-collection opening (12), and the second open side being closed with the cover (16).

3. The electric hand-held power tool as recited in Claim 2,

wherein

the two open sides are the end faces of dust-collection box (15) with the smaller cross sections.

4. The electric hand-held power tool as recited in Claim 2,

wherein

the two open sides are the longitudinal sides of dust-collection box (15) with the larger cross sections.

5. The electric hand-held power tool as recited in Claim 4,

wherein

the two open longitudinal sides of dust-collection box (15) are diametrically opposed.

6. The electric hand-held power tool as recited in Claim 4,

wherein

the two open longitudinal sides of dust-collection box (15) abut each other along a lateral longitudinal edge.

7. The electric hand-held power tool as recited in Claim 2,

wherein

the first open side is one of the longitudinal sides of dust-collection box (15) with the larger cross section, and the second open side is the upper or lower – as viewed in the working position of the machine – end face of collection box (15) with the smaller cross section.

8. The electric hand-held power tool as recited in Claim 1,

wherein

the dust-collection box (15) has a cylindrical shape with two open end faces, the first of which faces machine housing (11) and covers the dust-collection opening (12), and the second open end face being closed with the cover (16).

9. The electric hand-held power tool as recited in one of the Claims 1 through 8,

wherein

the dust-collection container (13) has at least one dust filter (18) and at least one exhaust opening (17).

10. The electric hand-held power tool as recited in Claim 9,

wherein

the dust filter (18) is located in the dust-collection box (15) or the latter is located inside the dust filter.

11. The electric hand-held power tool as recited in one of the Claims 8 through 10,

wherein,

a plurality of exhaust openings (17) is located in the wall of dust-collection box (15), in particular in its cylinder wall.

12. The electric hand-held power tool as recited in one of the Claims 9 through 11,

wherein

the at least one exhaust opening (17) is configured in the cover (16) or in the collection box (15).

13. The electric hand-held power tool as recited in one of the Claims 9 through 12,

wherein

the dust filter (18) is attached as a separate component, either in the cover (16) or on the collection box (15).

14. The electric hand-held power tool as recited in one of the Claims 9 through 13, wherein

the dust filter (18) is a non-detachable component of the cover (16).

15. The electric hand-held power tool as recited in one of the Claims 9 through 14, wherein

the dust filter (18) is configured as a pleated filter.

16. The electric hand-held power tool as recited in Claim 15,

wherein

the pleated filter is configured in the shape of a tube.

17. The electric hand-held power tool as recited in Claim 1,

wherein

a handle (20) is integrally formed on machine housing (11), and the handle (20) is configured as a dust-collection container (13).